

In the Claims:

Please amend claims 2 and 3. No other claims are amended or deleted.

1. (previously amended) Process for the production of polysiloxane pressure-sensitive adhesive layers with a reduced cold flow by means of coating and drying a one-component polysiloxane pressure-sensitive adhesive solution onto a suitable flat-shaped carrier, wherein a complex of a metal ion of the group consisting of calcium, magnesium, zinc, aluminum, titanium, zirconium or hafnium with a low-molecular organic complex former is added to the organic adhesive solution to be coated, whereby the metal ion is only released from the bond to the complex former under the conditions of heating and or drying of the adhesive solution.

2. (currently amended) Process according to claim 1, wherein the metal [additive] ion amounts to at least 0.005 wt-%, relative to the dried adhesive mass.

3. (currently amended) Process according to claim 1, wherein the metal ion is provided in an amount of 0.005 to 0.5 wt-%, relative to the dried adhesive mass.

4. (previously amended) Process according to claim 1, wherein the organic complex former is substantially removed during drying.

5. (previously amended) Process according to claim 1, wherein the drying is carried out at a temperature of between 20 and 120°C.

6. (previously amended) Process according to claim 1, wherein the weight per unit area of the dried film is between 10 and 300 g m².

7. (previously amended) Process according to claim 1, wherein the organic complex former is acetylacetone or that acetylacetone participates in the complex forming.

8. (previously amended) Process according to claim 1, wherein the metal participating in the complex is aluminum or titanium.

9. (previously amended) Process according to claim 1, wherein the polysiloxane is substantially polydimethyl siloxane.

10. (previously amended) Process according to claim 9, wherein the free silanol groups present in the polydimethyl siloxane are chemically deactivated through a suitable end-capping and are thus amine-resistant.

11. (previously amended) Medicinal patch, having a layered structure, said structure having at least one layer of a polysiloxane pressure-sensitive adhesive produced by means of a process defined in claim 1.